

# Epson QS100 4K PRO-UHD® HDR 4,500 Lumen 3LCD Ultra Short Throw Laser Projector



## Reimagine Projection.

**Cutting-Edge Ultra Short Throw Lens Technology** — Unlike standard throw projectors, the precision glass ultra short throw lens drastically reduces the throw distance and supports screen sizes up to 160" — from just a few inches away

**Ultra Bright Picture** — Delivers outstanding color accuracy with 3-chip 3LCD technology and 4,500 lumens color brightness (IDMS Rated) and 4,500 lumens of white brightness (ISO Rated)<sup>2</sup>; new preset picture modes specifically calibrated for bright environments

**Exceptionally Sharp 4K Experience** — 4K PRO-UHD<sup>1</sup> uses advanced pixel-shifting technology to control three individual high-definition LCD chips, producing amazing detail and clarity without sacrificing picture brightness

**Impressive HDR** — Full 10-bit HDR color processing accepts 100% of the HDR source information to faithfully reproduce HDR, HDR10<sup>3</sup> and HLG (Hybrid Log Gamma) content for an exceptional visual performance. Dynamic tone mapping automatically adjusts to the optimal HDR level according to the scene

**Epson QZX Picture Processor** — Proprietary 32-bit Epson processor delivers extraordinary contrast even in bright environments thanks to advanced dynamic tone mapping; optimizes each frame for exceptional brightness and contrast

**Smart Home Control** — Professional-grade IP control systems like Control4<sup>®</sup> and Crestron<sup>®</sup> control systems, as well as PLink<sup>®</sup>, are supported to create an intuitive home entertainment experience

**Quick Turn-On Laser Array Light Source** — True multi-array laser diodes produce an ideal light source that delivers incredible color accuracy; virtually maintenance-free for up to 20,000 hours<sup>4</sup>

**Epic Big Picture Gaming Performance** — Smooth gaming experience with support for Auto Low Latency Mode (ALLM) and very low input lag for competitive gaming

**Simple and Flexible Installation** — With individually adjustable feet, multi-point picture settings and an optional wall mount bracket, it is easy to set up this ultra short throw projector in no time



## Epson QS100 4K PRO-UHD® HDR 4,500 Lumen 3LCD Ultra Short Throw Laser Projector

### Specifications

**Projection System** Epson 3-chip 3LCD technology ultra short throw

**Projection Method**  
Ceiling Mount Front / Ceiling Mount Rear / Table Projection Front / Table Projection Rear / Portrait Right / Portrait Left

**Projector Color** Black or White

**Driving Method** Poly-Silicon TFT Active Matrix

**Maximum Resolution** 4K Enhancement (1920 x 1080 x 2)

**Native Aspect Ratio** 16:9 widescreen (4:3 and 16:10 resize)

**Focus Control Precision** Manual Slider

**Refresh Rate** Up to 4K 60 Hz

**Color Brightness (IDMS Rated)** Color Light Output<sup>2</sup>: 4,500 lumens (Color Mode: Dynamic; Zoom: N/A; Dynamic Contrast: Off)

**White Brightness (ISO Rated)** White Light Output<sup>2</sup>: 4,500 lumens (Color Mode: Dynamic; Zoom: N/A; Dynamic Contrast: Off)

**Dynamic Contrast Ratio** Over 5,000,000:1 (Color Mode: Dynamic; Consumption: Normal; Zoom: Wide)

**Maximum Color Gamut** BT. 2020

**Chroma Subsampling** 4:2:2 (4K PRO-UHD<sup>1</sup> 60 fps HDR10<sup>3</sup>, HLG), 4:4:4 (4K 24 fps HDR10<sup>3</sup>, HLG), 4:4:4 (4K 60 fps no HDR)

**Color Reproduction** Full 10-bit (up to 1.07 billion colors)

**Throw Ratio Range** 0.16 (Zoom: Wide), 0.40 (Zoom: Tele)

**High Dynamic Range** HLG, HDR10<sup>3</sup>

**Light Source** Laser diode

**Dynamic Laser Life<sup>4</sup>** Up to 20,000 hours (Power Consumption: Normal, Quiet)

### Projection Lens

**Type** Manual focus

**F-Number** 1.8

**Focal Length** 2.3 mm

**Zoom Ratio** 1 – 1.35 (Digital Zoom)

**Throw Ratio** 0.16 (Zoom Wide), 0.22 (Zoom Tele)

### Other Features

**Digital Video Compatibility** HDMI® digital signal inputs 2160p (at 24/30/50/60 Hz), 1080p (at 24/30/50/60 Hz), 1080i (at 50/60 Hz), 720p (at 50/60 Hz), 576p (at 50 Hz), 480p (at 60 Hz)

**Operating Temperature**  
Low Altitude: 32° F to 104° F (0° C to 40° C)  
High Altitude: 32° F to 95° F (0° C to 35° C)

**Power Supply Voltage** 100 – 240 VAC ± 10%, 50/60 Hz

**Power Consumption**  
Eco Mode: 219 W, Normal Mode: 346 W  
Network Standby: 2.0 W, Energy Saving: 0.4 W

**Fan Noise Quiet Mode:** 20 dB, Normal Mode: 34 dB

**Color Modes** Dynamic, Vivid, Cinema, Natural

**HDR Adjustment** Dynamic Tone Mapping

**Gaming Features** ALLM (Auto Low Latency Mode)

**Geometry Correction** Quick Corner, Arc, Point, Geometry Correction Wizard & Memory, Epson Setting Assistant App

**HDMI Link** Supports HDMI CEC

**Web Control** Projector Setup and Control via Web browser

**Smart Home** Control PLink, Control4, Crestron Support

### Interfaces

**HDMI** 2x HDCP 2.3 (18 Gbps) ports supporting CEC  
HDMI2 supports eARC/ARC

**USB Type-A** 2x (1x PC Free, content playback, Firmware updates, 1x for 5 V / 2 A power supply)

**USB Type-B** for Firmware updates

LAN RJ45 (control only)  
1x RS-232C (DB-9)



### Dimensions (W x D x H)

**Including Feet** 27.4" x 6.2" x 13.4"  
**Weight** 26.46 lb

### Remote Control

**Infrared Receiver Operating Distance** Front/Rear: 19.7' (6 m)  
**Operating Angle** Rear: Left/Right: ±30 degrees, Upper/Lower: +60 degrees to +0 degrees

### Eco Features

**Power Consumption**

LD On (Power Consumption: Normal)	346 W
LD On (Power Consumption: Medium)	276 W
LD On (Power Consumption: Eco)	219 W
Network Standby	2 W
Energy Saving	0.4 W

RoHS compliant  
End-of-life options available<sup>5</sup>  
Epson America, Inc. is a SmartWay® Transport Partner<sup>6</sup>

### Limited Warranty

3-year projector limited warranty, Extra Care<sup>SM</sup> Home Service program, PrivateLine® dedicated toll-free support (U.S. and Canada only)

### What's Included

Epson QS100 4K PRO-UHD<sup>1</sup> HDR UST Laser Projector, power cable, remote control with (2) AA batteries and Quick Setup Guide

### Ordering Information

QS100B Black	V11HB49120
QS100W White	V11HB49020
Ceiling Mount - (ELPMB22) White only	V12H003B22
Low Profile Ceiling Mount (ELPMB30) White only	V12H526040
Extreme Short Throw	
Wall Mount (ELPMB75) White only	V12HB12010
Air Filter Set ELPAF64	V13H134AE0
SilverFlex® Ultra ALR Screen 100" ELPSC35	V12H002AL0
SilverFlex Ultra ALR Screen 120" ELPSC36	V12H002AM0

<sup>1</sup> 4K Resolution Enhancement Technology shifts each pixel to produce an image on screen, up to the stated specification. | <sup>2</sup> Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | <sup>3</sup> HDR performance available with select third-party devices. For more information, see [www.epson.com/hdrcompatibility](http://www.epson.com/hdrcompatibility) | <sup>4</sup> No required maintenance for the light source for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m<sup>3</sup> of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period. | <sup>5</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>6</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.



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